

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--|------------------|---------|---------------------|
| L2    | 7    | ((("6555456") or ("6236113") or ("20020180045") or ("6194228") or ("6111284") or ("6291291") or ("6420740") or ("6555456") or ("6236113")).PN. | US-PGP<br>UB;<br>USPAT;<br>USOCR                               | OR               | OFF     | 2005/06/02<br>13:09 |
| L3    | 4    | "6060736"  | US-PGP<br>UB;<br>USPAT   | OR               | OFF     | 2005/06/02<br>13:15 |
| L4    | 5127 | intermetallic adj compound   | US-PGP<br>UB;<br>USPAT   | OR               | OFF     | 2005/06/02<br>13:15 |
| L5    | 6    | (jp-04206871-\$<br>jp-05063205-\$<br>jp-10093050-\$).did.  | JPO;<br>DERWENT  | OR               | OFF     | 2005/06/02<br>13:15 |
| L6    | 5578 | intermetallic WITH (noble<br>Cu Ag Au Pt Pd Ir copper<br>silver gold platinum<br>palladium iridium)  | US-PGP<br>UB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/02<br>13:15 |
| L7    | 5    | "6462931" AND (PB<br>LEAD)   | US-PGP<br>UB;<br>USPAT   | OR               | OFF     | 2005/06/02<br>13:15 |
| L8    | 71   | (intermetallic WITH (noble<br>Cu Ag Au Pt Pd Ir copper<br>silver gold platinum<br>palladium iridium)) and<br>perovskite                        | US-PGP<br>UB;<br>USPAT   | OR               | OFF     | 2005/06/02<br>13:15 |

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| L9  | 105  | ((intermetallic WITH (noble Cu Ag Au Pt Pd Ir copper silver gold platinum palladium iridium)) and ferroelectric) or ((intermetallic WITH (noble Cu Ag Au Pt Pd Ir copper silver gold platinum palladium iridium)) and perovskite) | US-PGP<br>UB;<br>USPAT                  | OR | OFF | 2005/06/02<br>13:15 |
| L10 | 27   | intermetallic adj compound and gallium adj nitride  | US-PGP<br>UB;<br>USPAT                  | OR | OFF | 2005/06/02<br>13:15 |
| L11 | 148  | solid adj solution and gallium adj nitride  | US-PGP<br>UB;<br>USPAT                  | OR | ON  | 2005/06/02<br>13:15 |
| L12 | 306  | solid adj solution and (gan gallium adj nitride)  | US-PGP<br>UB;<br>USPAT                  | OR | ON  | 2005/06/02<br>13:15 |
| L13 | 32   | solid adj solution and (gan gallium adj nitride)  | EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON  | 2005/06/02<br>13:15 |
| L14 | 110  | solid adj solution and (gan gallium adj nitride) and p-type   | US-PGP<br>UB;<br>USPAT                  | OR | ON  | 2005/06/02<br>13:15 |
| L15 | 5    | (US-20020142144-\$).did. or (US-5182670-\$ or US-6281526-\$ or US-6319808-\$).did. or (US-6396092-\$).did.  | US-PGP<br>UB;<br>USPAT;<br>DERWEN<br>T  | OR | OFF | 2005/06/02<br>13:15 |
| L16 | 32   | "6281526" "20020185732" "6078064"   | US-PGP<br>UB;<br>USPAT                  | OR | OFF | 2005/06/02<br>13:15 |
| L17 | 4578 | (257/94,99,101,103,734, 743,744,745).CCLS.  | US-PGP<br>UB;<br>USPAT;<br>USOCR        | OR | OFF | 2005/06/02<br>13:15 |
| L18 | 1    | "801823".ap.  | US-PGP<br>UB                            | OR | OFF | 2005/06/02<br>13:15 |
| L19 | 4    | (US-20020185732-\$).did. or (US-6078064-\$ or US-6281526-\$ or US-6693352-\$).did.  | US-PGP<br>UB;<br>USPAT                  | OR | OFF | 2005/06/02<br>13:15 |

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| L20 | 46  | host adj metal and nitride  | US-PGP<br>UB;<br>USPAT   | OR | OFF | 2005/06/02<br>13:15 |
| L21 | 54  | host adj metal and nitride  | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T | OR | OFF | 2005/06/02<br>13:15 |
| L22 | 29  | host adj metal and nitride<br>and nickel  | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T | OR | OFF | 2005/06/02<br>13:15 |
| L23 | 5   | host adj metal and nitride<br>and nickel and (p-type<br>p-side n-type n-side)             | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T | OR | OFF | 2005/06/02<br>13:15 |
| L24 | 3   | host adj metal and nitride<br>and nickel and (p-type<br>p-side n-type n-side) and<br>"24" | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T | OR | OFF | 2005/06/02<br>13:15 |
| L25 | 194 | gallium adj nitride and<br>nickel near3 alloy   | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T | OR | ON  | 2005/06/02<br>13:15 |

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| L26 | 118 | gallium adj nitride and<br>nickel near3 alloy and<br>(p-type p-side n-type<br>n-side) | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T | OR | ON | 2005/06/02<br>13:15 |
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